

FORM PTO-1449

Attorney Docket:

Application No.:

18180.0115

10/099,982

INFORMATION DISCLOSURE CITATION

Applicant:

Examiner:

S. Winzer

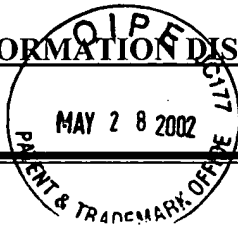
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Filing Date:

Group Art Unit:

March 19, 2002

2873

**U.S. PATENT DOCUMENTS**

Examiner Initial	Ref. No	Document Number	Date	Name	Class	Sub-Class	Filing Date
JD	1	4,093,351	06/06/1978	Perkins et al.			
JD	2	5,159,498	10/27/1992	Hubbard, Jr.			
JD	3	6,113,242	09/05/2000	Marker et al.			

FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Sub-Class	Translation Yes/No

OTHER DOCUMENTS (Including Author, Title, Date, etc.)

JD	4	Ultra Lightweight Space Optics Challenge Workshop, article, 3/24/1999, 1 page NAPA, CALIFORNIA
JD	5	W. Hoffmann et al., Active Composite Membrane Mirrors, Ultra Lightweight Space Optics Challenge Workshop 3/24/1999, 8 pages
JD	6	B. Blonk et al., Narrowing the Design Space of a Large Membrane Mirror, 4/7/1999, 8 pages
JD	7	D. Giles et al., Semi Rigid and Adjustable CFRP Membrane for Radio Telescope Applications, presented at Ultra Lightweight Space Optics Challenge Workshop 3/24/1999, 7 pages
JD	8	J. Main et al., Noncontact Shape Control of Membrane Mirrors, Ultra Lightweight Space Optics Challenge Workshop 3/24/1999, 8 pages
JD	9	J. Moore, Jr. et al., Ultra-lightweight Precision Membrane Optics, Ultra Lightweight Space Optics Challenge Workshop 3/24/1999, 3 pages

Examiner

[Signature]

Date Considered

21 JULY 2003

Examiner: Initial if reference consider, whether or not citation is in conformance with MPEP §609.

Draw line through citation if not in conformance and not considered.

Include copy of this form with next communication to Application